

Entomology – 10409 – Biology 312 – A01

Fall 2022

Instructor:

Steve Perlman

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Lab Instructor:

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Important UVic links:

Academic important dates: <https://www.uvic.ca/calendar/dates/>

Academic calendar: <https://www.uvic.ca/calendar/undergrad/>

Academic concession guidelines:

<https://www.uvic.ca/calendar/undergrad/index.php#/policy/BymcP73U9>

Academic accommodations: <https://www.uvic.ca/accessible-learning/index.php>

Academic integrity:

https://www.uvic.ca/calendar/undergrad/index.php#/policy/Sk_0xsM_V

The convention used for assigning letter grades is as follows:

A+ (90-100), A (85-89), A- (80-84), B+ (77-79), B (73-76), B- (70-72), C+ (65-69), C (60-64), D (50-59), F (0-49)

An important message from your instructor on academic integrity:

As a teacher, mentor, scientist, researcher, and member of the University of Victoria community, academic integrity is of the highest importance to me.

Students are required to abide by all academic regulations set as set out in the University calendar, including standards of academic integrity. Violations of academic integrity (e.g. cheating and plagiarism) are considered serious and may result in significant penalties.

It is absolutely essential that you understand and uphold academic integrity. To this end, I ask you to please read UVic's framework on academic integrity, which you can find here:

<https://www.uvic.ca/students/academics/academic-integrity/index.php>

You can also find UVic's Policy on Academic Integrity in the UVic calendar:

https://www.uvic.ca/calendar/undergrad/index.php#/policy/Sk_0xsM_V

To help avoid plagiarism and cheating, please read the UVic Libraries' plagiarism guide: <https://www.uvic.ca/library/research/citation/plagiarism/>

I reserve the right to use plagiarism detection software or other platforms to assess the integrity of student work.

Before handing in coursework for evaluation, you will need to complete the Integrity Matters

BIOL 312 Tentative Lecture Schedule – Fall 2022:

Thurs. Sept. 8	1. Introduction and Importance of Insects
Mon. Sept. 12	2. Morphology
Thurs. Sept. 15	3. Introduction to Phylogenetics
Mon. Sept. 19	4. Phylogenetics and Ecdysozoa
Thurs. Sept. 22	5. Arthropods to Hexapods
Mon. Sept. 26	6. Pterygota and flight, Neoptera
Thurs. Sept. 29	7. Neoptera continued
Mon. Oct. 3	8. Holometabola, Metamorphosis & meet with a Guest Entomologist
Thurs. Oct. 6	9. Holometabola continued
Mon. Oct. 10	Thanksgiving Holiday – No Class
Thurs. Oct. 13	10. Internal Anatomy & Physiology
Mon. Oct. 17	11. Nervous System and Sensory Biology
Thurs. Oct. 20	12. Development, Life Histories
Mon. Oct. 24	13. Lecture Midterm
Thurs. Oct. 27	14. Plant-Insect Interactions – Herbivory
Mon. Oct. 31	15. Plant-Insect Interactions – Pollination
Thurs. Nov. 3	16. Parasitoids, Predators, Parasites
Mon. Nov. 7	17. Biological Control & meet with a Guest Entomologist
Thurs. Nov. 10	Reading Break - No Class
Mon. Nov. 14	18. Insect Conservation
Thurs. Nov. 17	19. Insect Symbionts
Mon. Nov. 21	20. Medical Entomology
Thurs. Nov. 24	21. Pests & transgenics
Mon. Nov. 28	22. Insect Sociality
Thurs. Dec. 1	23. Sexual Selection, Mating Systems

BIOLOGY 312 LAB SCHEDULE, FALL 2022

Dr. Neville Winchester: winchest@uvic.ca

LAB#	WEEK OF	TOPIC
1	Sept. 5	No labs
2	Sept. 12	Lab overview and introduction - Insects and Biodiversity – Ordinal identification
3	Sept. 19	Insect External Anatomy
4	Sept. 26	Aquatic Insect Biodiversity – sampling and curation
5	Oct. 3	Lepidoptera Biodiversity – sampling and curation
6	Oct. 10	Thanksgiving – NO FORMAL LABS
7	Oct. 17	Test #1 – Identification, biodiversity modules
8	Oct. 24	Diptera Biodiversity – sampling and curation
9	Oct. 31	Coleoptera Biodiversity – sampling and curation
10	Nov. 7	Reading Break – NO FORMAL LABS
11	Nov. 14	Hymenoptera Biodiversity – sampling and curation
12	Nov. 21	Test #2 – Identification, biodiversity modules

MARKS

Test #1	15%
Test #2	15%
Insect Project	10%
Total	40%

Class recording: Due to the evolving Covid situation, please be aware that sessions in this course may be recorded to allow students who are not able to attend to watch later. The recording will be posted in Brightspace. Students who have privacy concerns can contact me and will have the option to limit their personal information shared in the recording. If you have other questions or concerns regarding class recording and privacy please contact privacyinfo@uvic.ca

Online conduct: The University of Victoria is committed to promoting critical academic discourse while providing a respectful and supportive learning environment. All members of the university community have the right to this experience and the responsibility to help create such an environment. The University will not tolerate racism, sexualized violence, or any form of discrimination, bullying or harassment.

Please be advised that, by logging into UVic's learning systems or interacting with online resources, and course-related communication platforms, you are engaging in a university activity.

All interactions within this environment are subject to the university expectations and policies. Any concerns about student conduct may be reviewed and responded to in